

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
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### U.S. PATENT APPLICATIONS

Examiner Initials*	Cite No.	Application Number	Filing Date	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	10697395	10/30/2003	Hofmeister et al	

### U.S. PATENTS

Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DT/	1	4359553	11/16/1982	Edwards	
/DT/	2	4378451	3/29/1983	Edwards	
/DT/	3	4687924	8/18/1987	Galvin et al	
/DT/	4	4734914	3/29/1988	Yoshikawa	
/DT/	5	4747091	5/24/1988	Doi	
/DT/	6	4809286	2/28/1989	Kollanyi et al	
/DT/	7	4916707	4/10/1990	Rosenkranz	
/DT/	8	5019769	5/28/1991	Levinson	
/DT/	9	5039194	8/13/1991	Block et al	
/DT/	10	5041491	8/20/1991	Turke et al	
/DT/	11	5268949	12/7/1993	Watanabe et al	
/DT/	12	5287375	02/1994	Fujimoto	
/DT/	13	5334826	8/2/1994	Sato et al	
/DT/	14	5383208	1/17/1995	Queniat et al	
/DT/	15	5392273	2/21/1995	Masaki et al.	
/DT/	16	5396059	3/7/1995	Yeates	
/DT/	17	5448629	9/5/1995	Bosch et al.	
/DT/	18	5516563	5/14/1996	Schumann et al.	
/DT/	19	5557437	9/17/1996	Sakai et al.	
/DT/	20	5574435	11/12/1996	Mochizuki	
/DT/	21	5576877	11/19/1996	Aulet et al.	
/DT/	22	5594748	1/14/1997	Jabr	
/DT/	23	5604758	02/1997	AuYeung et al.	
/DT/	24	5673282	9/30/1997	Wurst	

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/DT/	25	5748672	05/1998	Smith et al.	
/DT/	26	5761216	6/2/1998	Sotome et al.	
/DT/	27	5801866	9/1/1998	Chan et al.	
/DT/	28	5812572	9/22/1998	King et al.	
/DT/	29	5926303	7/20/1999	Giebel et al.	
/DT/	30	5953690	9/14/1999	Lemon et al.	
/DT/	31	5956168	9/21/1999	Levinson et al.	
/DT/	32	5966395	10/1999	Ikeda	
/DT/	33	5978417	11/02/1999	Baker et al	
/DT/	34	5999294	12/1999	Petsko	
/DT/	35	6049413	04/2000	Taylor	
/DT/	36	6055252	04/2000	Zhang	
/DT/	37	6064501	5/16/2000	Roberts et al.	
/DT/	38	6157022	12/5/2000	Meada et al.	
/DT/	39	6160647	12/12/2000	Gilliland et al.	
/DT/	40	6175434	01/2001	Feng	
/DT/	41	6188059	2/13/2001	Nishlyama et al.	
/DT/	42	6198558	03/2001	Graves et al.	
/DT/	43	6205505	3/20/2001	Jau et al.	
/DT/	44	6215565	4/10/2001	Davis et al	
/DT/	45	6222660	4/24/2001	Traa	
/DT/	46	6229788	05/2001	Graves et al.	
/DT/	47	6252692	6/26/2001	Roberts	
/DT/	48	6272154	8/7/2001	Bala et al	
/DT/	49	6292497	09/2001	Nakano	
/DT/	50	6313459	11/2001	Hoffe et al.	
/DT/	51	6317232	11/13/2001	Fee et al	
/DT/	52	6384948	5/7/2002	Williams et al.	
/DT/	53	6423963	7/23/2002	Wu	
/DT/	54	6469782	10/22/2002	Schaepperle	
/DT/	55	6473224	10/29/2002	Dugan et al.	

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/DT/	56	6512617	1/28/2003	Tanji et al.	
/DT/	57	6519255	02/2003	Graves	
/DT/	58	6526076	02/2003	Cham et al.	
/DT/	59	6538783	5/25/2003	Stephens	
/DT/	60	6570149	05/2003	Maruyama et al.	
/DT/	61	6594050	07/2003	Jannson et al.	
/DT/	62	6631144	10/07/2003	Johansen	
/DT/	63	6631146	10/2003	Pontis et al.	
/DT/	64	6643472	11/2003	Sakamoto et al.	
/DT/	65	6661836	12/2003	Dalal et al.	
/DT/	66	6661973	12/09/2003	Huber et al	
/DT/	67	6665498	12/16/2003	Jiang et al	
/DT/	68	6694462	02/2004	Reis et al.	
/DT/	69	6712527	3/30/2004	Chan et al.	
/DT/	70	6748181	06/2004	Miki et al.	
/DT/	71	6765445	7/20/2004	Perrott et al	
/DT/	72	6829436	12/07/2004	Koh et al	
/DT/	73	6832052	12/14/2004	Marmur	
/DT/	74	6909848	6/21/2005	Kim et al	
/DT/	75	6937949	08/2005	Fishman et al.	
/DT/	76	6941077	09/2005	Aronson et al.	
/DT/	77	6952531	10/2005	Aronson et al.	
/DT/	78	6956847	10/18/2005	Heston et al	
/DT/	79	7020567	03/2006	Fishman et al.	
/DT/	80	7031615	4/18/2006	Gentile	
/DT/	81	7058310	06/2006	Aronson et al.	
/DT/	82	7099382	8/29/2006	Aronson et al	

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### U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initials*	Cite No.	Publication Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DT/	1	20010046242	11/2001	Kawakami et al.	
/DT/	2	20010046243	11/2001	Schie	
/DT/	3	20020027688	03/2002	Stephenson	
/DT/	4	20020034222	3/21/2002	Buchwald et al	
/DT/	5	20020075981	6/20/2002	Tang et al	
/DT/	6	20020080447	6/27/2002	Fells et al	
/DT/	7	20020097468	07/2002	Mecherle et al.	
/DT/	8	20020097682	7/25/2002	Enam et al	
/DT/	9	20020101641	08/2002	Kurchuk	
/DT/	10	20020105982	08/2002	Chin et al.	
/DT/	11	20020110157	8/15/2002	Jorgenson et al	
/DT/	12	20020114061	8/22/2002	Naito et al	
/DT/	13	20020129379	09/2002	Levinson et al.	
/DT/	14	20020131132	9/19/2002	Tanaka et al	
/DT/	15	20020149821	10/2002	Aronson et al.	
/DT/	16	20020163960	11/07/2002	Blodgett et al	
/DT/	17	20020176518	11/28/2002	Xu	
/DT/	18	20020181519	12/2002	Vilhelmsson et al.	
/DT/	19	20020181573	12/05/2002	Dohmen et al	
/DT/	20	20020181894	12/2002	Gilliand et al.	
/DT/	21	20030002108	1/2/2003	Ames et al	
/DT/	22	20030011847	1/16/2003	Dai et al	
/DT/	23	20030039207	2/27/2003	Maeda et al	
/DT/	24	20030110509	06/2003	Levinson et al.	
/DT/	25	20030113118	06/2003	Bartur	
/DT/	26	20030169790	09/2003	Chieng et al.	
/DT/	27	20030210917	11/2003	Stewart et al.	
/DT/	28	20030219085	11/07/2003	Endres et al	

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/DT/	29	20040033079	2/19/2004	Sheth et al	
/DT/	30	20040076113	4/22/2004	Aronson et al	
/DT/	31	20040091028	5/13/2004	Aronson et al	
/DT/	32	20040120720	06/2004	Chang et al.	
/DT/	33	20040153913	08/2004	Fishman et al.	
/DT/	34	20040202210	10/2004	Thornton	
/DT/	35	20040240886	12/2004	Aronson et al.	
/DT/	36	20040253003	12/2004	Farmer et al.	
/DT/	37	20050031352	02/2005	Light et al.	
/DT/	38	20050058455	03/2005	Hosking et al.	
/DT/	39	20050111845	5/26/2005	Nelson et al	
/DT/	40	20050169585	8/4/2005	Aronson et al	
/DT/	41	20050213982	09/2005	Weber	
/DT/	42	20050281193	12/22/2005	Hofmeister et al	
/DT/	43	20070031153	2/8/2007	Aronson et al	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Country Code	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
/DT/	1	DE 10065034	DE	8/9/2001			<input checked="" type="checkbox"/>
/DT/	2	EP 0437161	EP	6/19/1996			<input type="checkbox"/>
/DT/	3	EP 0745868	EP	04/2002			<input type="checkbox"/>
/DT/	4	EP 1471671	EP	12/2004			<input type="checkbox"/>
/DT/	5	JP 06209209	JP	07/1994			<input checked="" type="checkbox"/>
/DT/	6	JP 09162811	JP	06/1997			<input checked="" type="checkbox"/>
/DT/	7	JP 402102589	JP	04/1990			<input checked="" type="checkbox"/>
/DT/	8	JP 404023373	JP	01/1992			<input checked="" type="checkbox"/>
/DT/	9	JP 58140175	JP	08/1983			<input checked="" type="checkbox"/>
/DT/	10	JP 62124576	JP	06/1987			<input checked="" type="checkbox"/>
/DT/	11	JP 62235975	JP	10/1987			<input checked="" type="checkbox"/>
/DT/	12	JP 62281485	JP	12/1987			<input checked="" type="checkbox"/>

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/DT/	13	WO 02/063800	PCT	08/2002			<input type="checkbox"/>
/DT/	14	WO 98/00893	PCT	01/1998			<input type="checkbox"/>
/DT/	15	WO 98/00943	PCT	08/1998			<input type="checkbox"/>
/DT/	16	WO/2004/098100	PCT	11/2004			<input type="checkbox"/>

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>1</sup>
/DT/	1	"Application Note: T2525/26/27", copyright 2003 by Atmel Corporation	<input type="checkbox"/>
/DT/	2	"IR Receiver ASSP: T2525", copyright 2003 by Atmel Corporation	<input type="checkbox"/>
/DT/	3	"IR Receiver for Data Communication: U2538B", copyright 2003 by Atmel Corporation	<input type="checkbox"/>
/DT/	4	"Low-Voltage Highly Selective IR Receiver IC: T2527", copyright 2002 by Atmel Corporation	<input type="checkbox"/>
/DT/	5	Finisar Corp., "App. Note AN-2025: Using the Finisar GBIC I2C Test Diagnostics Port," 1998.	<input type="checkbox"/>
/DT/	6	Hausdorf, Reiner, "Mobile Transceiver Measurements with Radiocommunication Service Monitor CMS," News from Rohde & Schwarz, 127, IV, 1989, pp 4-7.	<input type="checkbox"/>
/DT/	7	Kaminishi, K. et al., Si Bipolar 3.3V Transmitter/Receiver IC Chip Set for 1Gb/s 12-Channel Parallel Optical Interconnects, IEEE International Solid-State Circuits Conference, ISSCC, Digest of Technical Papers, 1999 Paper WP 22.1.	<input type="checkbox"/>
/DT/	8	MAEDA, Noriyuki "Notification of Reason(s) for Refusal," Japanese Patent Application No. JP2002-563630, Nakamura, M. et al., July 13, 2005.	<input type="checkbox"/>
/DT/	9	Manchester Encoding [online] [retrieved 11/12/03]. Retrieved from Internet: URL: <a href="http://www.erg.abdn.ac.uk/users/gorry/course/phy-pages/man.html">http://www.erg.abdn.ac.uk/users/gorry/course/phy-pages/man.html</a>	<input type="checkbox"/>
/DT/	10	Optiport SFF BiDi-Transceiver 100 Mbit/s, 1310 nm Tx/1550 nm Rx, Infineon Technologies, June 22, 2004, pp. 1-14.	<input type="checkbox"/>
/DT/	11	Webopedia.com: 12C [retrieved 11/11/03 from the Internet] <a href="http://www.webopedia.com/TERM/I/12C.html">http://www.webopedia.com/TERM/I/12C.html</a>	<input type="checkbox"/>
/DT/	12	Webopedia.com: MAC Address [retrieved 10/15/03 from the Internet] <a href="http://www.webopedia.com/TERM/M/MAC_address.html">http://www.webopedia.com/TERM/M/MAC_address.html</a>	<input type="checkbox"/>

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/DT/	13	Webopedia.com: Public-Key Encryption [retrieved 10/15/03 from the Internet] <a href="http://www.webopedia.com/TERM/p/public_key_cryptography.html">http://www.webopedia.com/TERM/p/public_key_cryptography.html</a>	<input type="checkbox"/>
/DT/	14	Webopedia: The 7 Layers of the OSI Model [retrieved 10/15/03 from the Internet] <a href="http://webopedia.internet.com/quick_ref/OSI_Layers.asp">http://webopedia.internet.com/quick_ref/OSI_Layers.asp</a>	<input type="checkbox"/>
/DT/	15	Yi Cai et al., "Jitter testing for gigabit serial communication transceivers," Jan -Feb 2002, IEEE Design and Test of Computers, Vol. 19, Issue 1, pp 66-74.	<input type="checkbox"/>

### OFFICE ACTION / NOTICE OF ALLOWANCE DOCUMENTS

Examiner Initials*	Cite No.	Application Number	Mail Date	Document
/DT/	1	10420027	01/25/2006	Office Action
/DT/	2	10420027	09/07/2006	Office Action
/DT/	3	10420027	05/16/2007	Office Action
/DT/	4	10629725	10/17/2005	Office Action
/DT/	5	10629725	04/11/2006	Notice of Allowance
/DT/	6	10629301	08/09/2007	Office Action
/DT/	7	10629228	01/24/2006	Office Action
/DT/	8	10629228	09/01/2006	Office Action
/DT/	9	10629228	05/24/2007	Office Action
/DT/	10	10697395	01/24/2006	Office Action
/DT/	11	10697395	09/27/2006	Office Action
/DT/	12	10697395	05/09/2007	Office Action
/DT/	13	10697395	11/15/2007	Office Action
/DT/	14	10884334	06/12/2007	Office Action

### EXAMINER SIGNATURE

Examiner Signature	/Dzung Tran/	Date Considered	04/27/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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